

IN THE SPECIFICATION

Please amend paragraph [0053] as follows:

Those of skill in the art would understand that the various illustrative logical blocks, modules, circuits, and algorithm steps described in connection with the embodiments disclosed herein may be implemented as electronic hardware, computer software, or combinations of both. The various illustrative components, blocks, modules, circuits, and steps have been described generally in terms of their functionality[.]. Whether the functionality is implemented as hardware or software depends upon the particular application and design constraints imposed on the overall system. Skilled artisans recognize the interchangeability of hardware and software under these circumstances, and how best to implement the described functionality for each particular application. As examples, the various illustrative logical blocks, flowcharts, windows, and steps described in connection with the embodiments disclosed herein may be implemented or performed in hardware or software with an application-specific integrated circuit (ASIC), a programmable logic device, discrete gate or transistor logic, discrete hardware components, such as, e.g., registers in the FIFO, a processor executing a set of firmware instructions, any conventional programmable software and a processor, a field programmable gate array (FPGA) or other programmable logic device, or any combination thereof. The processor may advantageously be a micro-controller, but in the alternative, the processor may be any conventional processor, controller, micro-controller, or state machine. The software may reside in RAM memory, flash memory, ROM memory, EPROM memory, EEPROM memory, hard disk, removable disks, a CD-ROM, a DVD-ROM, registers, or any other magnetic or optical storage media. ~~Those of skill of the art would further appreciate that the data, instructions, commands, information, signals, bits, symbols, and chips that may be referenced throughout the above description are advantageously represented by voltages, currents, electromagnetic waves, magnetic field or particles, optical fields or particles, or any combination thereof.~~